

Topic	Dataset Name	Description	Data Type	Temporal	Are there any use or access restrictions	Source Agency	Source Contact if Known	Overall Data Confidence Rating	Comments on Data Quality Evaluation (DQE)
Aquatic	Lake Habitat and Fish Surveys on Interior Alaska Wildlife Refuge, 1984-1986	325 lakes were sampled for habitat and fish species in six NWRS, three of which are in the YKL study area: Koyukuk, Inokuk, and Nowtina. The location of the lakes is provided in maps along with water quality, habitat, and fish species found in each lake.	Vector	Current	No	USFWS	Bill Carter or David Damm at Fairbanks PWS Office, bill_carter@fec.gov or david_damm@fec.gov		Data has not been requested yet. Once data is received, a data quality evaluation will be performed.
Aquatic	A Fisheries inventory of waters in the Lake Clark National Monument area	27 lakes and 13 rivers were inventoried for fish in 1978-79. Maps and information in the species focus area are provided in the report. Data might be available upon request or could be digitized based on maps in the report.	Vector	Current	No	ADF&G			Data has not been requested yet. Once data are received, a data quality evaluation can be performed.
Aquatic	Migration timing and seasonal distribution of Inland whitefish, humpback whitefish, and least cisco from Whitefish Lake and the Kuskokwim River, Alaska, 2004 and 2005	60 humpback whitefish were tagged at Whitefish Lake and migrations were monitored. Suspected spawning habitats were identified in the Holitka, Teeth, and Elk rivers.	Vector	Current	No	USFWS	Ken Harper, kenai@USFWS Office, ken_harper@fec.gov		Data has not been requested yet. Once data are received, a data quality evaluation will be performed.
Aquatic	Fish Surveys in the Hothouse Refuge, North Fork Hothouse River, and Billy Hawk Creek, Koyukuk National Wildlife Refuge, Alaska, 1993	Fish species found on the Koyukuk refuge are documented. Data could be requested from USFWS or digitized based on maps in the report.	Vector	Current	No	USFWS			Data has not been requested yet. Once data are received, a data quality evaluation can be performed.
Aquatic	Spawning Locations, Seasonal Distribution, and Migratory Timing of Kuskokwim River Sheefish Using Radio telemetry, 2007-2011	Lisa Stuby has offered to provide excel datasets from her telemetry work that detail spawning locations, summer feeding locations, and upstream distribution of sheefish in the Kuskokwim.	Vector	Current	No	Alaska Department of Fish and Game (ADF&G)	ADF&G Biologist Lisa Stuby, lisa_stuby@alaska.gov, (907) 459-7202		Data has not been received yet so cannot perform data quality review.
Aquatic	A Radio telemetry investigation of the Spawning Origins of Inokuk River tucosons (sheefish)	Need to request bathymetry/topography information for spawning areas found from telemetry work performed by John Burr and Randy Brown. Other option is to digitize from maps in report.	Vector	Current	No	ADF&G	ADF&G John Burr: john.burr@alaska.gov, (907) 459-7220 or USFWS Randy Brown, randy_l.brown@fec.gov, (907) 456-7395		Data has not been requested yet. Data quality review will be performed once data has been received.
Aquatic	National Hydrography Dataset Waterbodies	The National Hydrography Dataset (NHD) is a feature-based database that intersects and uniquely identifies the stream segments or reaches that make up the nation's surface water drainage system.	Vector	Current	No	USGS		High	Timeliness: The NHD is based on digitizing of USGS 1:63,360 topo maps for Alaska, most of which were created decades ago. Some lake systems have been changed since that time.
Aquatic	National Hydrography Dataset Flowlines	The National Hydrography Dataset (NHD) is a feature-based database that intersects and uniquely identifies the stream segments or reaches that make up the nation's surface water drainage system.	Vector	Current	No	USGS		Very High	Timeliness: The NHD is based on digitizing of USGS 1:63,360 topo maps for Alaska, most of which were created decades ago. Some lake systems have been changed since that time.
Aquatic	ADF&G Alaska Freshwater Fish Inventory Points	This dataset contains survey locations from the Alaska Freshwater Fish Inventory Database (AFFID). The AFFID houses freshwater fish (both anadromous and resident) occurrence data compiled from a variety of sources, but mostly from ADF&G field work.	Vector	Current	No	Alaska Department of Fish and Game (ADF&G)	ADF&G GIS Analyst Skip Repetto, skip_repetto@alaska.gov, (907) 267-2331	High	Completeness: Why the surveys have been included in this database, thus information is limited to the few water sheds where surveys have been completed. Timeliness: Data is based on single site visits.
Aquatic	ADF&G Anadromous Waters Catalog: Species and Life Stages	This dataset has the same content as the Anadromous Waters Catalog, except that it has additional attribute fields identifying species and life stages for individual stream segments.	Vector	Current	No	Alaska Department of Fish and Game (ADF&G)	ADF&G GIS Analyst Skip Repetto, skip_repetto@alaska.gov, (907) 267-2331	High	Completeness: ADF&G states that the AWC probably only contains ~50% of the streams actually used by anadromous fish in the State based on thorough surveys of a few drainages.
Climate	Historical Day of Freeze 771 m CRU TS 3.0 / 3.1	Downloaded historical decadal means of annual day of freeze for each decade from 1910-2006 (CRU TS 3.0) or 2009 (CRU TS 3.1) at 771x771 m spatial resolution in Alaska. Each file represents a decadal mean of an annual mean calculated from mean monthly data.	Raster	Historic	Yes, all information provided by the SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High	
Climate	Historical Day of Thaw 771 m CRU TS 3.0 / 3.1	Downloaded historical decadal means of annual day of thaw for each decade from 1910-2006 (CRU TS 3.0) or 2009 (CRU TS 3.1) at 771x771 m spatial resolution in Alaska. Each file represents a decadal mean of an annual mean calculated from mean monthly data.	Raster	Historic	Yes, all information provided by the SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High	
Climate	Historical Length of Growing Season 771 m CRU TS 3.0 / 3.1	Downloaded historical decadal means of annual length of growing season (days) for each decade from 1910-2006 (CRU TS 3.0) or 2009 (CRU TS 3.1) at 771x771 m spatial resolution in Alaska. Each file represents a decadal mean of an annual mean calculated from mean monthly data.	Raster	Historic	Yes, all information provided by the SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High	
Climate	Historical Decadal Averages of Annual Mean Temperatures 771 m CRU TS 3.0 / 3.1	Downloaded historical decadal means of annual mean temps (C) for each decade from 1910-2006 (CRU TS 3.0) or 2009 (CRU TS 3.1) at 771x771 m spatial resolution in Alaska. Each file represents a decadal mean of an annual mean calculated from mean monthly data.	Raster	Historic	Yes, all information provided by the SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High	
Climate	Historical Decadal Averages of Annual Total Potential Evapotranspiration 2 km CRU TS 3.0	Downloaded historical decadal means of annual total potential evapotranspiration (mm) for each decade from 1910-2006 at 2x2 kilometer spatial resolution in Alaska. Each file represents a decadal mean of an annual total calculated from monthly totals.	Raster	Historic	Yes, all information provided by the SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High	
Climate	Historical Decadal Averages of Monthly Mean Temperatures 771 m CRU TS 3.0 / 3.1	Downloaded historical decadal means of monthly mean temperatures (C) for each month of every decade from 1910-2006 (CRU TS 3.0) or 2009 (CRU TS 3.1) at 771x771 m spatial resolution in Alaska. Each file represents a mean monthly mean in a given decade.	Raster	Historic	Yes, all information provided by the SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High	
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Climate	Historical Decadal Averages of Seasonal Mean Temperatures 771 m CRU TS 3.0 / 3.1	Downloaded historical decadal means of seasonal mean temperatures (Celsius) for each season of every decade from 1910-2006 (CRU TS 3.0) or 2009 (CRU TS 3.1) at 771x771 m spatial resolution in Alaska. Each file represents a seasonal mean in a given decade.	Raster	Historic	Yes, all information provided by the SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High	
Climate	Historical Decadal Averages of Seasonal Total Potential Evapotranspiration 2km CRUTS3.0	Downloaded historical decadal means of seasonal total potential evapotranspiration (mm) for each season of every decade from 1910-2006 at 2x2 kilometer spatial resolution in Alaska. Each file represents a mean seasonal total in a given decade.	Raster	Historic	Yes, all information provided by the SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High	
Climate	Historical Monthly Temperature 771 m CRU TS 3.0 / 3.1 / 3.1.01	Downloaded historical monthly mean temperatures (Celsius) for each month of every year from Jan 1901 - Dec 2006 (CRU TS 3.0) or 2009 (CRU TS 3.1) at 771x771 m spatial resolution in Alaska. Each file represents a single month in a given year.	Raster	Historic	Yes, all information provided by the SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High	
Climate	Historical Monthly Total Potential Evapotranspiration 2 km CRU TS 3.0	Downloaded historical monthly total potential evapotranspiration (mm) for each month of every year from January 1901 - December 2006 at 2x2 kilometer spatial resolution in Alaska. Each file represents a single month in a given year.	Raster	Historic	Yes, all information provided by the SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High	
Climate	Projected Monthly Temperature 771 m CMIP5 / ARI	Downloaded projections (B1, A1S and A2 scenarios) of monthly mean temperatures (Celsius) for each month of every year from Jan 2001 - Dec 2100 at 771x771 m spatial resolution in Alaska. Each file represents a single month in a given year.	Raster	Long-Term	Yes, all information provided by the SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High	
Climate	Projected Day of Freeze 771 m ARI	Downloaded projections decadal means of annual day of freeze for each decade from 2010-2100 at 771x771 m spatial resolution in Alaska. Each file represents a decadal mean of an annual mean calculated from mean monthly data.	Raster	Long-Term	Yes, all information provided by the SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High	
Climate	Projected Day of Thaw 771 m ARI	Downloaded projections decadal means of annual day of thaw for each decade from 2010-2100 at 771x771 m spatial resolution in Alaska. Each file represents a decadal mean of an annual mean calculated from mean monthly data.	Raster	Long-Term	Yes, all information provided by the SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High	
Climate	Projected Length of Growing Season 771 m ARI	Downloaded projections of decadal means of annual length of growing season (days) for each decade from 2010-2100 at 771x771 m spatial resolution in Alaska. Each file represents a decadal mean of an annual mean calculated from mean monthly data.	Raster	Long-Term	Yes, all information provided by the SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High	
Climate	Projected Decadal Averages of Annual Mean Temperatures 771m ARI	Downloaded projections of decadal means of annual mean temperatures (in degrees Celsius) for each decade from 2010-2100 at 771x771 m spatial resolution in Alaska. Each file represents a decadal mean of an annual mean calculated from mean monthly data.	Raster	Long-Term	Yes, all information provided by the SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High	
Climate	Projected Decadal Averages of Annual Total Potential Evapotranspiration 2 km ARI	Downloaded projections of decadal means of annual total potential evapotranspiration (mm) for each decade from 2010-2100 at 2x2 km spatial resolution in Alaska. Each file represents a decadal mean of an annual total calculated from monthly totals.	Raster	Long-Term	Yes, all information provided by the SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High	
Climate	Projected Decadal Averages of Monthly Mean Temperatures 771 ARI	Downloaded projections of decadal means of monthly mean temperatures (in degrees Celsius) for each month of every decade from 2010 - 2100 at 771x771 m spatial resolution in Alaska. Each file represents a mean monthly mean in a given decade.	Raster	Long-Term	Yes, all information provided by the SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High	
Climate	Projected Decadal Averages of Monthly Total Potential Evapotranspiration 2 km ARI	Downloaded projections of decadal means of monthly total potential evapotranspiration (mm) for each month of every decade from 2010-2099 at 2x2 km spatial resolution in Alaska. Each file represents a mean monthly total in a given decade.	Raster	Long-Term	Yes, all information provided by the SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High	
Climate	Projected Decadal Averages of Seasonal Mean Temperatures 771m ARI	Downloaded projections of decadal means of seasonal mean temperatures (in degrees Celsius) for each season of every decade from 2010 - 2100 at 771x771 m spatial resolution in Alaska. Each file represents a seasonal mean in a given decade.	Raster	Long-Term	Yes, all information provided by the SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High	
Climate	Projected Decadal Averages of Seasonal Total Potential Evapotranspiration 2 km ARI	Downloaded projections of decadal means of seasonal total potential evapotranspiration (mm) for each season of every decade from 2010-2099 at 2x2 km spatial resolution in Alaska. Each file represents a mean seasonal total in a given decade.	Raster	Long-Term	Yes, all information provided by the SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High	
Climate	Projected Monthly Potential Evapotranspiration 2 km CMIP5 / ARI	Downloaded projections of monthly total potential evapotranspiration (in millimeters) for each month of every year from Jan 2001 - Dec 2099 at 2x2 km spatial resolution in Alaska. Each file represents a single month in a given year.	Raster	Long-Term	Yes, all information provided by the SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High	
Climate	Historical Day of Freeze or Thaw 2 km CMIP5/ARS	Estimated Julian days of freeze and thaw (Jd, ddt) are calculated by assuming a linear change in temperature between consecutive months. Mean monthly temperatures are used to represent daily temperature on the 15th day of each month.	Raster	Historic	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski	High	
Climate	Historical Day of Freeze or Thaw 771 m CMIP5/ARS	Estimated Julian days of freeze and thaw (Jd, ddt) are calculated by assuming a linear change in temperature between consecutive months. Mean monthly temperatures are used to represent daily temperature on the 15th day of each month.	Raster	Historic	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski	High	
Climate	Projected Day of Freeze of Thaw 771 m CMIP5/ARS (2006-2100)	Estimated Julian days of freeze and thaw (Jd, ddt) are calculated by assuming a linear change in temperature between consecutive months. Mean monthly temperatures are used to represent daily temperature on the 15th day of each month.	Raster	Long-Term	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski	High	
Climate	Projected Day of Freeze or Thaw 2 km CMIP5/ARS	Estimated Julian days of freeze and thaw (Jd, ddt) are calculated by assuming a linear change in temperature between consecutive months. Mean monthly temperatures are used to represent daily temperature on the 15th day of each month.	Raster	Long-Term	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski	High	
Climate	Historical (1850-2005) monthly temperature data CMIP5/ARS	Historical (1850-2005) monthly average temperature 5 ARS GCMs that best match across Alaska and the Arctic, downsampled to 771m via the delta method.	Raster	Historic	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski	High	
Climate	Historical (1850-2005) Monthly Precipitation 2 km CMIP5/ARS	Historical (1850-2005) Monthly Precipitation 2 km CMIP5/ARS downsampled using the delta method.	Raster	Historic	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski	High	
Climate	Historical Monthly Precipitation 771m CRU TS 3.1/L3.1.01	Historical (1901-2009) monthly total precipitation from CRU TS 3.1.01 climate data, downsampled to 771m via the delta method.	Raster	Historic	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities, they must contact SNAP.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High	

Climate	Historical Decadal Averages of Annual Total Precipitation 771 m CRU TS 3.0 1910-1999	Historical (1910-1999) derived precipitation products from CRUTS 3.0 climate data, downsampled to 771m via the delta method.	Raster	Historic	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. If parties are interested in commercialization opportunities and/or collaborative R&D activities, they must contact SNAP.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High
Climate	Historical Decadal Averages of Monthly Total Precipitation 771 m CRU TS 3.0	Historical (1910-1999) derived precipitation products from CRUTS 3.0 climate data, downsampled to 771m via the delta method.	Raster	Historic	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. If parties are interested in commercialization opportunities and/or collaborative R&D activities, they must contact SNAP.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High
Climate	Historical Decadal Averages of Seasonal Total Precipitation 771 m CRU TS 3.0 1910-1999	Historical (1910-1999) derived precipitation products from CRUTS 3.0 climate data, downsampled to 771m via the delta method.	Raster	Historic	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. If parties are interested in commercialization opportunities and/or collaborative R&D activities, they must contact SNAP.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High
Climate	Historical Decadal Averages of Annual Total Precipitation 26m CRUTS3.1.01 1910-2009	Includes downscaled historical estimates of decadal means of annual total precipitation (in millimeters) for each decade from 1910-2009 (CRU TS 3.1.01 or 2009) (CRU TS 3.1.01) at 2x2 kilometer spatial resolution.	Raster	Historic	Yes, information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High
Climate	Historical Decadal Averages of Monthly Total Precipitation 26m CRUTS3.1.01 1910-2009	Includes downscaled historical estimates of decadal means of monthly total precipitation (in millimeters) for each month of every decade from 1910-2009 (CRU TS 3.1.01 or 2009) (CRU TS 3.1.01) at 2x2 kilometer spatial resolution.	Raster	Historic	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High
Climate	Historical Decadal Averages of Seasonal Total Precipitation 26m CRUTS3.1.01 1910-2009	Includes downscaled historical estimates of decadal means of seasonal total precipitation (in millimeters) for each season of every decade from 1910-2009 (CRU TS 3.1.01 or 2009) (CRU TS 3.1.01) at 2x2 kilometer spatial resolution.	Raster	Historic	Yes, information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. If parties are interested in commercialization opportunities and/or collaborative R&D activities, they must contact SNAP.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High
Climate	Projected Decadal Averages of Annual Total Precipitation 771m AR4 2001-2100	Includes downscaled projections of decadal means of annual total precipitation (in millimeters) for each decade from 2001-2100 at 771x771 m spatial resolution. Each file represents a decadal mean of an annual total calculated from monthly totals.	Raster	Long-Term	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. If parties are interested in commercialization opportunities and/or collaborative R&D activities, they must contact SNAP.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High
Climate	Projected Decadal Averages of Annual Total Precipitation 26m AR4 2001-2100	Includes downscaled projections of decadal means of annual total precipitation (in millimeters) for each decade from 2001-2100 (see exceptions below) at 2x2 kilometer spatial resolution.	Raster	Long-Term	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. If parties are interested in commercialization opportunities and/or collaborative R&D activities, they must contact SNAP.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High
Climate	Projected Decadal Averages of Monthly Total Precipitation 771m CMIP3/AR4	Includes downscaled projections of decadal means of monthly total precipitation (in millimeters) for each month of every decade from 2010-2100 at 771x771 m spatial resolution.	Raster	Long-Term	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. If parties are interested in commercialization opportunities and/or collaborative R&D activities, they must contact SNAP.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High
Climate	Projected Decadal Averages of Seasonal Total Precipitation 771m AR4 2001-2100	Includes downscaled projections of decadal means of seasonal total precipitation (in millimeters) for each season of every decade from 2001-2100 at 771x771 meter spatial resolution. Each file represents a mean seasonal total in a given decade.	Raster	Long-Term	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. If parties are interested in commercialization opportunities and/or collaborative R&D activities, they must contact SNAP.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High
Climate	Projected Decadal Averages of Seasonal Total Precipitation 26m AR4 2001-2100	Includes downscaled projections of decadal means of seasonal total precipitation (in millimeters) for each season of every decade from 2010-2100.	Raster	Long-Term	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. If parties are interested in commercialization opportunities and/or collaborative R&D activities, they must contact SNAP.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High
Climate	Projected Monthly Precipitation 771 m CMIP3/AR4 2001-2100	Includes downscaled projections of monthly total precip for each month of every year from January 2001 - December 2100 at 771x771 meter spatial resolution.	Raster	Long-Term	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. If parties are interested in commercialization opportunities and/or collaborative R&D activities, they must contact SNAP.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High
Climate	Projected Monthly Total Precipitation 26m AR4 2001-2100	Includes downscaled projections of monthly total precipitation (in millimeters) for each month of every year from January 2001-December 2100 at 2x2 kilometer spatial resolution. Each file represents a single month in a given year.	Raster	Long-Term	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. If parties are interested in commercialization opportunities and/or collaborative R&D activities, they must contact SNAP.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High
Climate	Projected (2006-2100) Monthly Temperature 2 km CMIP3/AR5	Projected (2006-2100) Monthly Temperature 2 km CMIP3/AR5 data downloaded using the delta method.	Raster	Long-Term	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski	High
Climate	Projected Monthly Precipitation 771 m CMIP3/AR5 2006-2100	Projected monthly total precipitation from 5 AR4 GCMs that perform best across Alaska and the Arctic, downsampled to 771m via the delta method. A 5-Model Average is also included.	Raster	Long-Term	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski	High
Climate	Projected Alaska Climate Biome Shift 2 km (2001-2099)	Projected shifts in statewide climate biomes (climates) based on climate projections derived from the RandomForest models.	Raster	Long-Term	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski	High
Climate	Historical Length of Growing Season (1850-2005) 26m CMIP3/AR5	The length of growing season (BoG) refers to the number of days between the days of freeze and thaw.	Raster	Historic	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski	High
Climate	Historical Length of Growing Season 771 m CMIP3/AR5 (1850-2005)	The length of growing season (BoG) refers to the number of days between the days of freeze and thaw.	Raster	Historic	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski	High
Climate	Projected Length of Growing Season 2 km CMIP3/AR5 (2006-2100)	The length of growing season (BoG) refers to the number of days between the days of freeze and thaw.	Raster	Long-Term	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski	High
Climate	Projected Length of Growing Season 771 m CMIP3/AR5 (2006-2100)	The length of growing season (BoG) refers to the number of days between the days of freeze and thaw.	Raster	Long-Term	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski	High
Climate	Historical Decadal Averages of Monthly Snow-day Fraction 771m CRUTS3.1 1910-2009	These snow-day fraction estimates were produced by applying equations relating decadal average monthly temperature to snow-day fraction to downscale decadal average monthly temperature.	Raster	Historic	Yes, information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High
Climate	Alaska Projected Decadal Averages of Monthly Snow-day Fraction 771m CMIP3/AR4	These snow-day fraction estimates were produced by applying equations relating decadal average monthly temperature to snow-day fraction to downscale decadal average monthly temperature.	Raster	Long-Term	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. If parties are interested in commercialization opportunities and/or collaborative R&D activities, they must contact SNAP.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High
Climate	Historical Decadal Averages of Annual Total Precipitation 2 km CRU TS 3.0	This set of files includes downscaled historical estimates of decadal means of annual total precipitation (in millimeters) for each decade from 1910-2009 (CRU TS 3.1.01 or 2009) (CRU TS 3.1.01) at 2x2 kilometer spatial resolution.	Raster	Historic	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High
Climate	Historical decadal averages of Monthly Total Precipitation 2 km CRU TS 3.0	This set of files includes downscaled historical estimates of decadal means of monthly total precipitation (in millimeters) for each month of every decade from 1910-2009 at 2x2 km spatial resolution.	Raster	Historic	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High
Climate	Historical Decadal Averages of Seasonal Total Precipitation 26m CRUTS3.0 1910-2009	This set of files includes downscaled historical estimates of decadal means of seasonal total precipitation (in millimeters) for each season of every decade from 1910-2009 (CRU TS 3.1.01 or 2009) (CRU TS 3.1.01) at 2x2 kilometer spatial resolution.	Raster	Historic	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High
Climate	Historical Monthly Total Precipitation 26m CRUTS 3.1.01 1901-2009	This set of files includes downscaled historical estimates of monthly total precipitation (in millimeters) for each month of every year from January 1901 - December 2006 (CRU TS 3.1.01 or 2009) (CRU TS 3.1.01) at 2x2 kilometer spatial resolution.	Raster	Historic	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High
Climate	Historical Monthly Total Precipitation 26m CRU TS 3.0 1901-2009	This set of files includes downscaled historical estimates of monthly total precipitation (in millimeters) for each month of every year from January 1901 - December 2006.	Raster	Historic	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. If parties are interested in commercialization opportunities and/or collaborative R&D activities, they must contact SNAP.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High
Climate	Historical Monthly Total Precipitation 771m CRU TS 3.0	This set of files includes downscaled historical estimates of monthly total precipitation (in millimeters) for each month of every year from January 1901-December 2006.	Raster	Historic	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. If parties are interested in commercialization opportunities and/or collaborative R&D activities, they must contact SNAP.	SNAP	Tom Kurlowski (tkurlowski@alaska.edu)	High
Ecosystem	Protected Areas Database	All protected areas for the U.S. defined using Gap Analysis Program criteria	Vector	No	No	USGS		Very High
Fire	Historical AIRFSCO Outputs (1901-2005)	3km resolution, annual outputs of historical (1901-2005) data. Variables include veg type, veg age, burned area, fire severity.	Raster	Historic	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski	
Fire	Projected (2006-2100) AIRFSCO outputs	3km resolution, annual outputs of projected data (1901-2005-2100) variables include veg type, veg age, burned area, fire severity	Raster	Long-Term	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Kurlowski	High
Invasives	AKEPIC - Alaska Exotic Plants Information Clearinghouse	AKENP maintains an updated georeferenced non-native plant data for the state. Roughly 100,000 collection points for 150+ species, including all the potentially relevant species in the BEA.				Various		
Socioeconomics	AK Dept of Environmental Conservation: Contaminated Sites with Mercury	AKEC Contaminated Sites Program (CSP) manages the cleanup of contaminated soil and groundwater in Alaska. This list contains mercury contaminated sites within the CSP Database. It includes Active sites as well as those with Cleanup Complete or Cleanup Complete - Institutional Controls status.	unknown	Historic	No	Alaska Department of Environmental Conservation, Alaska Department of Health and Social Services, Arctic Monitoring and Assessment Program, National Oceanic and Atmospheric Administration		High
Socioeconomics	Department of Labor and Workforce Development, Research and Analysis: Alaska Local and Regional Information: Industries	Department of Labor's Research and Analysis section created the Alaska Local and Regional Information (ALARI) database as a profile generator of different datasets. This particular dataset provides data about the industries that employ the most local labor specific to an Alaska community.	Table	current & historic	No	U.S. Department of Labor		High
Socioeconomics	Department of Labor and Workforce Development, Research and Analysis: Alaska Local and Regional Information: 2010 Census	Department of Labor's Research and Analysis section created the Alaska Local and Regional Information (ALARI) database as a profile generator of different datasets. This particular dataset provides data about the 2010 Census Data demographic profile of Alaska communities	Table	current & historic	No	U.S. Department of Labor		High
Socioeconomics	Department of Labor and Workforce Development, Research and Analysis: Alaska Local and Regional Information: Unemployment rate	Department of Labor's Research and Analysis section created the Alaska Local and Regional Information (ALARI) database as a profile generator of different datasets. This particular dataset provides data about the unemployment rate in Alaska communities.	Table	current & historic	No	U.S. Department of Labor		High
Socioeconomics	Department of Labor and Workforce Development, Research and Analysis: Alaska Local and Regional Information: Tax	Department of Labor's Research and Analysis section created the Alaska Local and Regional Information (ALARI) database as a profile generator of different datasets. This particular dataset provides data about various forms of tax revenue for Alaskan communities.	Table	current & historic	No	U.S. Department of Labor		High

Socioeconomics	Department of Labor and Workforce Development, Research and Analysis: Alaska Local and Regional Information: Worker characteristics	Department of Labor's Research and Analysis section created the Alaska Local and Regional Information (ALARI) database as a profile generator of different datasets. This particular dataset provides data about worker characteristics of a community. It includes a breakdown of the working population by age, sex, number employed, wage, and number of residents.	table	current & historic	No	U.S. Department of Labor		High
Socioeconomics	Department of Labor and Workforce Development, Research and Analysis: Alaska Local and Regional Information: Population Estimates	Department of Labor's Research and Analysis section created the Alaska Local and Regional Information (ALARI) database as a profile generator of different datasets. This particular dataset provides descriptive data about the unemployment rate in Alaska communities.	table	current & historic	No	U.S. Department of Labor		High
Socioeconomics	Department of Labor and Workforce Development, Research and Analysis: Alaska Local and Regional Information: Occupations	Department of Labor's Research and Analysis section created the Alaska Local and Regional Information (ALARI) database as a profile generator of different datasets. This particular dataset provides descriptive data about the unemployment rate in Alaska communities.	table	current & historic	No	U.S. Department of Labor		High
Socioeconomics	Alaska Resource Data File, U.S. Geological Survey	Description of mines, prospects, and mineral occurrences	table	current & historic	No	Alaska Resource Data File from U.S. Geological Survey		High
Socioeconomics	Alaska Resource Data File, U.S. Geological Survey	Descriptions of mines, prospects, and mineral occurrences	table	current & historic	No	Alaska Resource Data File from U.S. Geological Survey		High
Socioeconomics	USGS: Alaska Infrastructure	Historic trails in the state, including the Iditarod trails	raster	historic	No	Alaska State Geo-Spatial Data Clearinghouse		High
Socioeconomics	American Community Census 2011: Net in Migration	In depth profile of change in population net of estimated births and deaths as a percent of population	table	current & historic	No			High
Socioeconomics	American Community Census 2011: Age and Sex	In depth profile of various age and sex variables for communities in the state. Variables include age reported by sex and child dependency ratios	table	current & historic	No			High
Socioeconomics	American Community Census 2011: Education Profile	In depth profile of various economic variables for communities in the state. Variables include employment status, median earnings, employment breakdown, insurance and other benefits received, percent living below poverty line, and per capita income	table	current & historic	No			High
Socioeconomics	American Community Census 2011: Economic Profile	In depth profile of various education variables for communities in the state. Variables include educational attainment by age and by sex	table	current & historic	No			High
Socioeconomics	AK General Land Status	Land ownership and status records used to create this coverage are extracted from two major sources: Bureau of Land Management (BLM) and the State of Alaska Department of Natural Resources (ADNR). This coverage uses data extracted from BLM's records, stored in Alaska Land Information System (ALIS) on July 2, 2012, and ADNR's land records stored in the Land Administration System (LAS) on July 12, 2012.	raster	current	No	Alaska Bureau of Land Management Alaska Department of Natural Resources		High
Socioeconomics	Alaska Energy Authority Renewable Energy Atlas of Alaska: Infrastructure, Natural Gas Lines	Locations of natural gas lines in the state	raster	current	No	Alaska Energy Authority		High
Socioeconomics	Alaska Energy Authority Renewable Energy Atlas of Alaska: Infrastructure, Electric Transmission Lines	Locations of transmission lines in the state	raster	current	No	Alaska Energy Authority		High
Socioeconomics	Alaska Energy Authority Renewable Energy Atlas of Alaska: Solar	Monthly breakdown of quantity of solar exposure areas in the state receive	raster	current	No	Alaska Energy Authority		High
Socioeconomics	Alaska Energy Authority Renewable Energy Atlas of Alaska: Hydroelectric, Existing	Point locations of existing hydroelectric facilities	raster	current	No	Alaska Energy Authority		High
Socioeconomics	Alaska Energy Authority Renewable Energy Atlas of Alaska: Energy Infrastructure	Point locations of energy infrastructure. Variables include utility type, megawatts (MW) of oil, gas, coal, hydropower, wind, biomass, and geothermal.	raster	near-term	No	Alaska Energy Authority		High
Socioeconomics	Alaska Energy Authority Renewable Energy Atlas of Alaska: Geothermal, Hot Springs	Point locations of hot springs in the state	raster	current	No	Alaska Energy Authority		High
Socioeconomics	Alaska Energy Authority Renewable Energy Atlas of Alaska: Biomass, Fish Processing	Point locations of known fish processing plants in the state	raster	current	No	Alaska Energy Authority		High
Socioeconomics	Alaska Energy Authority Renewable Energy Atlas of Alaska: Biomass, Landfills	Point locations of known landfills in the state	raster	current	No	Alaska Energy Authority		High
Socioeconomics	Alaska Energy Authority Renewable Energy Atlas of Alaska: Biomass, Sawmills	Point locations of known sawmills in the state	raster	current	No	Alaska Energy Authority		High
Socioeconomics	Alaska Energy Authority Renewable Energy Atlas of Alaska: Hydroelectric, Potential	Point locations of potential areas for hydroelectric facilities	raster	near-term	No	Alaska Energy Authority		High
Socioeconomics	Alaska Energy Authority Renewable Energy Atlas of Alaska: Geothermal, Thermal Areas	Point locations of thermal areas in the state	raster	current	No	Alaska Energy Authority		High
Socioeconomics	Alaska Energy Authority Renewable Energy Atlas of Alaska: Geothermal, Volcanic	Point locations of volcanoes in the state	raster	current	No	Alaska Energy Authority		High
Socioeconomics	Alaska Energy Authority Renewable Energy Atlas of Alaska: Energy Development Regions	Regions in the state that have been classified as possible regions for future energy development	raster	near-term	No	Alaska Energy Authority		High
Socioeconomics	Alaska Energy Authority Renewable Energy Atlas of Alaska: Renewable Energy Fund Sites	Site locations of renewable energy plants, variables include grant amount and project name	raster	current	No	Alaska Energy Authority		High
Socioeconomics	USGS: Alaska Infrastructure 1: 63,362	Statewide roads were selected from the USGS 1:2,000,000 Digital Line Graphs (DLGs) database with the following arc attributes for MHI: 5020 Primary 4028 Secondary (all weather, hard surface) 5051 Light Duty (all weather, improved) 5041 Unimproved (fair or dry weather) 5055 Proposed 5062 Ferry Access	raster	current	No	Alaska State Geo-Spatial Data Clearinghouse		High
Socioeconomics	Area Cost Differential Studies, McDowell Group	Table of numbers for the cost of living differentials of the communities in the YKL area; numbers computed relative to cost of living in Anchorage	table	current & historic	No			High
Socioeconomics	AK Hair Mercury Biomonitoring Program	The Statewide Hair Mercury Biomonitoring Program was started to obtain information about exposure to mercury among women of childbearing age in Alaska. In high doses, mercury can have subtle harmful effects on the neurodevelopment of an unborn fetus. The Alaska Hair Mercury Biomonitoring Program focuses on all women of childbearing age, ages 15-45 years.	unknown	historic	No	Alaska Department of Environmental Conservation, Alaska Department of Health and Social Services, Arctic Monitoring and Assessment Program, National Oceanic and Atmospheric Administration		High
Socioeconomics	USGS: Environment Geochemistry of Mercury Mines in AK	The U.S. Geological Survey (USGS), in cooperation with the U.S. Bureau of Mines, U.S. Fish and Wildlife Service, and Citista Corporation (an Alaska native corporation), is investigating potential environmental contamination around naturally occurring, mercury-rich mineral deposits in Alaska.	unknown	historic	No	Alaska Department of Environmental Conservation, Alaska Department of Health and Social Services, Arctic Monitoring and Assessment Program, National Oceanic and Atmospheric Administration		High
Socioeconomics	USGS: Alaska Infrastructure 1: 63,361	This data depicts telephone line locations in Alaska as digitized primarily from 1:24,000, 1:63,360, and 1:250,000 USGS quadrangles.	raster	current	No	Alaska State Geo-Spatial Data Clearinghouse		High
Socioeconomics	USGS: Alaska Infrastructure 1: 63,360	This data depicts trail locations in Alaska as digitized primarily from 1:24,000, 1:63,360, and 1:250,000 USGS quadrangles.	raster	current	No	Alaska State Geo-Spatial Data Clearinghouse		High
Socioeconomics	FAA Alaska Airports and Runways 1995	This information was located from the FAA in February 1995. This information was processed in SAS to create points for the airports and lines for the runways.	raster	historic	No	Alaska State Geo-Spatial Data Clearinghouse		High
Socioeconomics	TIGER/Line Shapefile, 2010, 2010 state, Alaska, 2010 Census Place State-based	TIGER/Line Files are shapefiles and related database files (.dbf) that are an extract of selected geographic and cartographic information from the U.S. Census Bureau's MAF / TIGER database. This data provides geospatial locations of boroughs in Alaska.	raster	current	No	U.S. Census		High
Socioeconomics	TIGER/Line Shapefile, 2010, 2010 state, Alaska, 2010 Census Place State-based	TIGER/Line Files are shapefiles and related database files (.dbf) that are an extract of selected geographic and cartographic information from the U.S. Census Bureau's MAF / TIGER database. This data provides geospatial locations of places in Alaska.	raster	current	No	U.S. Census		High
Soils	Historical (1850-2005) Permafrost variables (ARS, 5 top models, 5 model avg)	Permafrost variables: max active layer thickness, warming effect of snow against frost, snow depth, annual ground/surface temp, ground temp at bottom of active layer, thermal offset between surface and bottom of active layer	raster	historic	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Korkowski	High
Soils	Projected permafrost variables (2006-2100) ARS, 5 top models, 5 model average	Permafrost variables: max active layer thickness, warming effect of snow against frost, snow depth, annual ground/surface temp, ground temp at bottom of active layer, thermal offset between surface and bottom of active layer	raster	Long-Term	Yes, all information provided by SNAP is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License. Parties interested in commercialization opportunities and/or collaborative R&D activities must contact SNAP directly.	SNAP	Tom Korkowski	High
Subsistence	AK Dept of Fish and Game: Hunting Maps and Area Information	reported by game management unit (GMAU) and species, annual harvest levels	table	current & historic	No	Alaska Department of Fish and Game Commercial Fisheries Entry Commission		High
Subsistence	AK Dept of Fish and Game: Commercial Fishing	reported by management areas and limited amount of species, annual harvest levels	table	current & historic	No	Alaska Department of Fish and Game Commercial Fisheries Entry Commission		High
Subsistence	AK Dept of Fish and Game: Sport Fishing	reported by place name, this database includes the fish count data search and sport fishing survey	table	current & historic	No	Alaska Department of Fish and Game Commercial Fisheries Entry Commission		High
Subsistence	AK Dept of Fish and Game: Community Subsistence Information System, CSS	The CSS is the repository of Alaska community harvest information gathered by the Alaska Department of Fish and Game, Division of Subsistence.	table	current & historic	No	Alaska Department of Fish and Game		High
Terrestrial	Botics Database - Vascular Plants	ADNR maintains government-owned G-3-G vascular plant collection locations for for AK. Detailed descriptions are included in some cases. ArchMap shape file is in the process of being updated with new collection records from UAM - projected time for completion in 31 May 2011. Currently, file is not separated by individual species.			Sensitive species locations	Various		
Terrestrial	Important birds areas for the state of Alaska	Alaska's IBAs are part of a growing global network of designated IBAs, spanning 156 countries around the world and 26 countries in the Western Hemisphere alone. Because every IBA across the planet has been designated and ranked against the same criteria, we often refer to IBAs as a Global Currency for Conservation. Globally, thousands of IBAs and millions of acres of avian habitat have received recognition and better protection as a result of the IBA program. So far Audubon has identified and designated 145 IBAs in Alaska, the majority of which are ranked as globally significant.	Vector	Current	Yes, access constraint states authorization required by Audubon, use constraint states the data may not be redistributed or sold.	Audubon Alaska	Melanie Smith	Spatial accuracy: moderate to high. Polygons digitized at a broad scale, use at 1: 100,000 scale or more.
Terrestrial	Kuskokwim River Peregrine Falcon Survey 2008	Breeding pair survey of Peregrine Falcon along the Kuskokwim River between Alaska and McGrath from July 9-14th, 2008	Report	Near-Term	No	BLM	Bruce Seppi	
Terrestrial	Kuskokwim River Peregrine Falcon Survey 2011	Breeding pair survey of Peregrine Falcon along the Kuskokwim River between McGrath and Arctic from July 11-14th, 2011.	Report	Current	No	BLM	Bruce Seppi	
Terrestrial	Western Arctic caribou herd seasonal ranges and fire perimeters	Burn perimeters within caribou seasonal ranges and acreage within Kobuk-Enlivena herd grazing area.	Report	Current	Information displayed on the map should be used for graphic display only.	BLM		
Terrestrial	Geologic Map for the Yukon-Koyukuk Basin, AK	Digital data for the reconnaissance geologic map for the Yukon-Koyukuk basin, Alaska	Polygon			USGS		
Terrestrial	Location data for Galena Mountain caribou	Excel spreadsheet with the data on herd size, distribution, seasonal ranges, and movement patterns of radio-collared caribou in the Galena Mountain Caribou Herd (GAMH) from 1992-2011.	Table	Near-Term	Data should not be shared without permission from source.			
Terrestrial	Gap analysis final distribution model for the Olive-sided Flycatcher.	Gap distribution models represent the areas where species are predicted to occur based on habitat associations. Models have a 60 meter resolution and are delimited by Gap species ranges.	Raster	Near-Term	No	Alaska Gap Analysis Project	Tracey Gotthardt	Thematic accuracy: Gap distribution models vary in accuracy, classification success was calculated for all models.
Terrestrial	Gap analysis final distribution model for the Peregrine Falcon.	Gap distribution models represent the areas where species are predicted to occur based on habitat associations. Models have a 60 meter resolution and are delimited by Gap species ranges.	Raster	Near-Term	No	Alaska Gap Analysis Project	Tracey Gotthardt	Thematic accuracy: Gap distribution models vary in accuracy, classification success was calculated for all models.

Terrestrial	Gap analysis final distribution model for the Trumpeter Swan	Gap distribution models represent the areas where species are predicted to occur based on habitat associations. Models have a 60 meter resolution and are delimited by Gap species ranges.	Raster	Near-Term	No	Alaska Gap Analysis Project	Tracey Gotthardt		Thematic accuracy- Gap distribution models vary in accuracy, classification success was calculated for all models.
Terrestrial	Gap analysis final distribution model for the American beaver.	Gap distribution models represent the areas where species are predicted to occur based on habitat associations. Models have a 60 meter resolution and are delimited by Gap species ranges.	Raster	Near-Term	No	Alaska Gap Analysis Project	Tracey Gotthardt		Thematic accuracy- Gap distribution models vary in accuracy, classification success was calculated for all models.
Terrestrial	Gap analysis final distribution model for Caribou.	Gap distribution models represent the areas where species are predicted to occur based on habitat associations. Models have a 60 meter resolution and are delimited by Gap species ranges.	Raster	Near-Term	No	Alaska Gap Analysis Project	Tracey Gotthardt		Thematic accuracy- Gap distribution models vary in accuracy, classification success was calculated for all models.
Terrestrial	Gap analysis final distribution model for the dusky shrew.	Gap distribution models represent the areas where species are predicted to occur based on habitat associations. Models have a 60 meter resolution and are delimited by Gap species ranges.	Raster	Near-Term	No	Alaska Gap Analysis Project	Tracey Gotthardt		Thematic accuracy- Gap distribution models vary in accuracy, classification success was calculated for all models.
Terrestrial	Gap analysis final distribution model for moose.	Gap distribution models represent the areas where species are predicted to occur based on habitat associations. Models have a 60 meter resolution and are delimited by Gap species ranges.	Raster	Near-Term	No	Alaska Gap Analysis Project	Tracey Gotthardt		Thematic accuracy- Gap distribution models vary in accuracy, classification success was calculated for all models.
Terrestrial	Gap analysis final distribution model for muskox.	Gap distribution models represent the areas where species are predicted to occur based on habitat associations. Models have a 60 meter resolution and are delimited by Gap species ranges.	Raster	Near-Term	No	Alaska Gap Analysis Project	Tracey Gotthardt		Thematic accuracy- Gap distribution models vary in accuracy, classification success was calculated for all models.
Terrestrial	Gap analysis final distribution model for the nearctic brown lemming.	Gap distribution models represent the areas where species are predicted to occur based on habitat associations. Models have a 60 meter resolution and are delimited by Gap species ranges.	Raster	Near-Term	No	Alaska Gap Analysis Project	Tracey Gotthardt		Thematic accuracy- Gap distribution models vary in accuracy, classification success was calculated for all models.
Terrestrial	Gap analysis final distribution model for the northern red-backed vole.	Gap distribution models represent the areas where species are predicted to occur based on habitat associations. Models have a 60 meter resolution and are delimited by Gap species ranges.	Raster	Near-Term	No	Alaska Gap Analysis Project	Tracey Gotthardt		Thematic accuracy- Gap distribution models vary in accuracy, classification success was calculated for all models.
Terrestrial	Gap analysis final distribution model for the gray wolf.	Gap distribution models represent the areas where species are predicted to occur based on habitat associations. Models have a 60 meter resolution and are delimited by Gap species ranges.	Raster	Near-Term	No	Alaska Gap Analysis Project	Tracey Gotthardt		Thematic accuracy- Gap distribution models vary in accuracy, classification success was calculated for all models.
Terrestrial	Geobay Map of the lower Yukon River	Geobay map of the lower Yukon River region. AK.	Polygon			USGS			
Terrestrial	LANDFIRE Reference Vegetation Data	Georeferenced & labelled samples of vegetation gathered by Landfire to use as training data for their mapping & modeling efforts. Each sample is labelled with an ecological system. Includes species composition & cover, structural variables, some disturbance information, and calculated fuels data. Environmental data (elevation, aspect, slope, soils, etc) are not included.	Point			LANDFIRE			
Terrestrial	Element Occurrence (EO) data for fine filter terrestrial vertebrate Cos	NatureServe, in collaboration with its member Natural Heritage Programs and Conservation Data Centres, maintains a database of rare and imperiled species and plant communities across the United States and Canada. The Element Occurrence (EO) records that form the core of the NatureServe database include information on the location, status, characteristics, numbers, condition, and distribution of elements of biological diversity using established Natural Heritage Methodology developed by NatureServe and The Nature Conservancy (TNC). An Element Occurrence (EO) is an area of land and/or water in which a species or natural community is, or was, present. An EO should have practical conservation value for the Element as evidenced by potential continued (or historical) presence and/or regular recurrence at a given location.	Vector	Current	No	Alaska Natural Heritage Program	Tracey Gotthardt		
Terrestrial	Element Occurrence (EO) data for rare terrestrial vertebrate taxa in Alaska	NatureServe, in collaboration with its member Natural Heritage Programs and Conservation Data Centres, maintains a database of rare and imperiled species and plant communities across the United States and Canada. The Element Occurrence (EO) records that form the core of the NatureServe database include information on the location, status, characteristics, numbers, condition, and distribution of elements of biological diversity using established Natural Heritage Methodology developed by NatureServe and The Nature Conservancy (TNC). An Element Occurrence (EO) is an area of land and/or water in which a species or natural community is, or was, present. An EO should have practical conservation value for the Element as evidenced by potential continued (or historical) presence and/or regular recurrence at a given location.	Vector	Current	No	Alaska Natural Heritage Program	Tracey Gotthardt		
Terrestrial	Seward Peninsula muskox population survey	PDF report summarizing the 2012 Seward Peninsula muskox survey effort.	Report	Current	No	Alaska Department of Fish and Game	Tony Gern		
Terrestrial	Central Kuskokwim River Peregrine Falcon Survey	Peregrine Falcon nesting surveys from 2000 to 2004 along the Kuskokwim River between McGrath and Aniak.	Report	Near-Term	No	BLM	Bruce Sego		
Terrestrial	Ray Mountains caribou distribution, movements, and seasonal use areas from 1994-1997	Preliminary findings of habitat use patterns for the Ray Mountain caribou herd using three years of radio-telemetry observations. This dataset is a pdf report with several maps displaying seasonal caribou locations.	Report	Near-Term	No	BLM			
Terrestrial	Western arctic caribou seasonal range	Seasonal usage polygons and telemetry data for the Western Arctic Caribou Herd (WACH), including winter, migration, calving, summer, and overwintered ranges.	Vector	Current	No?	Alaska Department of Fish and Game			
Terrestrial	Alaska State Surface Geology Map	State wide map of surface geology.	Polygon	Current	No	National Park Service			
Terrestrial	National Land Cover Database - Alaska	The National Land Cover Database (NLCD) 2006 is a Landsat-derived, 30 meter spatial resolution digital land cover map that describes the land cover for the 50 U.S. states and Puerto Rico using twenty consistent land cover classes.	Raster	Current	No	USGS			
Terrestrial	Forest Insect and Disease Conditions in Alaska	This data represents areas of forest damage due to insect infestation, fire, flood, landslides, and windthrow. The information was collected, cooperatively by aerial surveys by both the USFS, Forest Health Protection (FHP) and ADNR, Div. of Forestry. Surveys are conducted primarily in July and report on that year's "signature" may be identified during the optimal period for symptom development of ocular estimation. The aerial survey is coordinated such that the maximum extent of recent bark beetle damage (fading trees) and insect defoliation (discoloration, foliage loss) patterns may be determined. Surveys are flown in Southeast Alaska, Southcentral Alaska and Interior Alaska. The data represents a 10 year cumulative effect for 1989-2010.	Polygon	Current	No	State and Private Forestry, Forest Health Protection			
Terrestrial	National Wetlands Inventory (NWI)	This data set represents the extent, approximate location and type of wetlands and deepwater habitats in the Alaska, United States. These data delineate the areal extent of wetlands and surface waters as defined by Cowardin et al. (1979).	Polygon	Current	No	USFWS			
Terrestrial	Alaska Natural Heritage Program vertebrate polygon range maps	This dataset contains individual bird and mammal species range polygon shapefiles, compiled by the Alaska Natural Heritage Program. Whenever possible, shapefiles indicate seasonal occurrence (e.g. breeding, wintering, seasonal fall migration).	Vector	Current	No	Alaska Natural Heritage Program	Tracey Gotthardt	Moderate	Spatial accuracy is moderate to high because ranges are a coarse scale representation of actual species range.
Terrestrial	Alaska Gap analysis terrestrial vertebrate occurrence database	This dataset contains point occurrence records for individual bird and mammal species acquired from numerous data sources for the Alaska Gap Analysis Project.	Vector	Near-Term	Yes	Alaska Gap Analysis Project	Tracey Gotthardt		Non-Redundancy- duplicate records have a value of 1 in the "Duplicates" field of the attribute table.
Terrestrial	Seasonal range polygons of all caribou herds in Alaska	This dataset provides a statewide perspective on location of recognized caribou herds in Alaska based on an inclusive composite of telemetry data, survey observations, and local knowledge. The data set describes the extent of seasonal and total range for 33 caribou herds in Alaska.	Vector	Current	No	Alaska Department of Fish and Game	Tom Paragi		Spatial accuracy- polygons were originally digitized from a 1:1,000,000 scale map (in 1998), updated using a 1:250,000 scale map (in 2008).
Terrestrial	Western Arctic caribou herd migration routes	Western Arctic caribou fall migration routes collected by ADF&G from satellite collars from 1987-2004.	Report	Near-Term	The information displayed on the map should be used for graphic display only.	BLM			
Terrestrial	Western Arctic caribou herd calving grounds	Western Arctic caribou herd calving ground (June 4-20) created from kernel analysis of satellite collar locations from August 1988 through August 2007. Data from the Alaska Department of Fish and Game.	Report	Near-Term	No	Alaska Department of Fish and Game?			
Terrestrial	Western Arctic caribou herd spring migration routes	Western Arctic caribou herd spring (April 1 to June 3) migration routes from data collected from Aug. 1988 to Aug. 2007.	Report	Near-Term	No	Alaska Department of Fish and Game?			
Terrestrial	Western Arctic caribou herd winter range	Western Arctic caribou winter (Nov 1- March 31) range from data collected from Aug. 1988- Aug. 2007.	Report	Near-Term	No	Alaska Department of Fish and Game?			
Terrestrial	Winter kernel range of the Western Arctic caribou Herd	Winter of 2010 to 2011 and 2011 to 2012 kernel range polygons for the Western Arctic Caribou Herd.	Vector	Near-Term	No	National Park Service	Kyle Joly		